

HISTONE DEACETYLASE INHIBITORS AND METHODS OF USE THEREOF

ABSTRACT

The invention provides novel classes of HDAC inhibitors. Methods of sensitizing a cancer cell to the cytotoxic effects of radiotherapy are also provided as well as methods for treating cancer and methods for treating neurological diseases. Additionally, the invention further provides pharmaceutical compositions comprising an HDAC inhibitor of the invention, and kits comprising a container containing an HDAC inhibitor of the invention.